



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov
In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; July 2, 2007

Week Ending July 1, 2007

Scattered Showers Bring Some Needed Relief

Last week’s weather brought some much needed moisture to crops and pastures in many areas of the State. Farmers are still in need of more rain, however, for pastures, hay fields, and crops to recover and develop normally. Wheat harvest was close to completion at week’s end. Reported yields are better than earlier expected, yet will still be below average this year. With three-fourths of the corn acreage in the silking stage, some farmers have begun spraying fungicides. A few soybean producers are still in need of moisture to finish planting, while others are making post-emergent herbicide treatments. Cotton development, with over four-fifths of the state’s acreage squaring, continues to be slightly ahead of normal. Condition ratings for all row crops improved slightly over the previous week. The lack of adequate water and hay supplies continue to be major concerns for livestock producers. Some producers have chosen to cull or liquidate their herds, due to the lack of available grazing and hay. Many stockyards have reported a significant increase in number of cattle marketed.

There were 6 days considered suitable for fieldwork. Topsoil moisture levels were rated 39 percent very short, 40 percent short, and 21 percent adequate. Subsoil moisture levels were rated 52 percent very short, 36 percent short, and 12 percent adequate. Temperatures averaged 2 to 4 degrees above normal last week, while rainfall was above normal for West and Middle Tennessee but below normal in the East.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2006	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	75	41	73	65	Corn	20	27	38	13	2
Cotton – Squaring	88	65	78	74	Cotton	3	14	33	45	5
Tobacco – Transplanted	98	94	95	97	Hay	33	35	29	3	0
Soybeans – Emerged	93	84	94	87	Pastures	40	32	25	3	0
Soybeans – Blooming	20	7	33	17	Soybeans	9	20	40	25	6
					Tobacco	6	16	44	33	1

Count Agent Comments

“Spotty rains (1.0-2.0”) have livened up crops in some areas of the county. However, about half of the county has received less than 0.3” of rain, causing wheat beans to swell and die. Farmers are replanting these fields this week.”
Greg Allen, Lake County

“Conditions are still very dry throughout county. Cattle producers are culling older cows and even marketing pre-weaned calves due to no availability of forages. Pink eye continues to be seen throughout county cattle herds. Corn is 35 percent tasselling and needs rain, while soybean planting is nearly complete.”
Steve Glass, Decatur County

“The rain we received this week temporarily settled the dust and helped all crops in the short term. Still we are in need of much, much, more rain. Some of the late corn benefited from the recent rains, while most of the county's corn crop continues on its path to disaster. Pastures and hayfields have shown some improvement this week, but I fear that we are going to see a substantial amount of cool-season grasses not come back.”
Calvin Bryant, Lawrence County

“Showers in the past week have helped soybeans. Corn is tasselling and silking at 4 1/2' to 5' tall---looks like popcorn around the county. A few rare corn fields are 7' in height. Pastures are showing life, but are still very poor. Hay supply is getting shorter.”
Dean Northcutt, Coffee County

“Beef producers are already having to feed hay from harvest that was only 50 to 60% of normal. Hay storage stocks are very low. Some producers are beginning to sell brood cows. Second cutting of hay does not exist, grass is short and brown in most pastures. It looks like a high percentage of pastures may have to be reseeded this fall if we start getting rain. We need rain and a source of affordable hay. Vegetables and sweet corn are suffering severely, production will be low. Field corn not irrigated has rolling blades and not growing. Tobacco looks better than anything else but it is beginning to be drought stressed.”
Mike Heiskell, Claiborne County

TEMPERATURES AND PRECIPITATION
For week ending: July 1, 2007 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 1, 2007				Current Week 07/01/07	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
Ames_Plantation	98	69	81	4	0.24	2	15.38	-12.80	7.74	-6.67
Tri-City_RGNL_A	93	65	77	5	1.80	5	11.99	-9.19	6.47	-4.34
Brownsville_TN	93	70	81	3	0.47	2	15.03	-13.20	7.24	-7.19
Chattanooga/Lov	97	69	82	5	1.11	4	14.55	-13.52	7.30	-5.04
Clarksville_Sew	91	69	80	3	2.48	6	19.61	-6.83	10.49	-2.30
Cookeville	92	66	78	5	1.50	3	18.27	-11.14	8.37	-6.01
Covington	91	68	80	2	1.98	3	18.30	-9.67	9.52	-4.77
Crossville_AP	86	65	75	4	1.05	3	18.37	-10.85	11.35	-2.85
Dayton	91	65	78	3	0.80	4	14.80	-14.72	8.17	-5.33
Dickson_AG	90	65	77	1	3.03	5	19.32	-9.18	9.73	-4.76
Dover_1W	91	68	79	4	1.03	4	19.39	-8.06	9.01	-4.54
Dyersburg	97	70	81	2	2.63	4	17.73	-8.67	8.65	-4.93
Erwin_1W	89	63	76	6	2.87	6	16.18	-8.82	10.56	-2.93
Huntingdon_Wate	94	68	80	3	1.16	4	14.00	-13.64	5.59	-8.29
Jackson_Exp_Stn	94	67	81	4	1.61	4	15.63	-12.45	6.95	-7.85
Kingston_AG	91	63	78	4	0.78	5	20.05	-10.30	11.85	-2.42
Knoxville_AP	95	66	80	5	0.83	2	15.49	-9.80	8.45	-3.52
Lewisburg	94	66	80	5	2.69	5	18.77	-10.14	11.14	-3.19
Lexington_TN	94	69	80	4	0.86	2	17.42	-9.34	7.83	-5.74
Linden	95	63	80	5	0.39	4	16.79	-12.88	7.63	-7.05
Martin	92	66	80	3	4.87	6	22.69	-4.86	11.72	-2.59
Mc_Minnville_Tn	93	68	80	5	1.65	5	15.93	-12.37	8.91	-4.97
Memphis_AG	94	70	82	1	3.29	4	18.36	-9.26	10.39	-3.74
Milan	93	67	80	3	1.52	3	16.54	-12.09	8.30	-6.71
Murfreesboro_5N	93	67	80	4	1.20	3	18.70	-8.93	7.82	-6.03
Nashville_Metro	92	70	81	4	1.07	3	15.99	-9.19	8.42	-4.52
Newcomb	91	64	77	6	1.30	7	18.17	-10.13	10.16	-4.27
Oneida	90	64	77	6	0.93	6	16.24	-12.06	8.74	-5.69
Portland_TN	92	67	80	5	0.81	4	17.27	-10.22	7.91	-6.28
Pulaski_Water_P	95	67	80	3	0.75	5	16.12	-13.02	7.08	-6.67
Savannah_6SW	97	67	81	4	0.88	3	15.95	-14.92	7.29	-8.12
Sparta_TN	93	66	79	5	0.68	2	17.07	-11.50	8.68	-5.32
Springfield	94	66	79	4	1.24	4	18.42	-7.90	9.53	-3.92
Springhill	93	66	80	5	0.96	5	17.53	-11.70	8.03	-6.59
Union_City	91	68	78	2	4.27	5	20.68	-6.75	10.47	-3.78
Waynesboro_TN	95	67	80	6	0.99	7	15.51	-15.12	7.32	-7.54

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.
Copyright 2007: AWIS, Inc. All Rights Reserved

The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:
National Weather Service and the University of Tennessee's Extension.